

Title (en)  
Proximity sensor system

Title (de)  
Näherungssensorsystem

Title (fr)  
Système détecteur de proximité

Publication  
**EP 1962425 A3 20080917 (EN)**

Application  
**EP 08380044 A 20080219**

Priority  
ES 200700438 A 20070220

Abstract (en)  
[origin: EP1962425A2] A proximity sensor system (1) comprising a proximity sensor device (3) and a conductive area (5) external to the device, the latter being able to increase the sensibility (and therefore the operating range) of the proximity sensor device (3) with high effectiveness and low cost. The external conductive area (5) can be of any size, shape or configuration, although preferably comprising a structural support (4) that is connected to the proximity sensor device (3) in such a way that the conductive area (5) becomes connected to the conductive element (6) of the proximity sensor device (3). The conductive area (5) then acts as an extension of the aforementioned conductive element (6), therefore allowing to obtain a long-range proximity sensor system (1) at a reasonable price.

IPC 8 full level  
**H03K 17/955** (2006.01)

CPC (source: EP ES)  
**G08B 13/149** (2013.01 - EP); **G08B 13/26** (2013.01 - EP); **H03K 17/94** (2013.01 - ES); **H03K 17/955** (2013.01 - ES)

Citation (search report)

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- [X] DE 3221223 A1 19831208 - ENDRESS HAUSER GMBH CO [DE]
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- [XY] EP 1235190 A1 20020828 - KIEKERT AG [DE]
- [YA] WO 9215972 A1 19920917 - SABED LTD [GB]
- [Y] GB 1254281 A 19711117 - LUCAS INDUSTRIES LTD

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA MK RS

DOCDB simple family (publication)  
**EP 1962425 A2 20080827**; **EP 1962425 A3 20080917**; ES 2322737 A1 20090625; ES 2322737 B1 20100420

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**EP 08380044 A 20080219**; ES 200700438 A 20070220